

13000 GeV pp

 $t\bar{t}$ Boosted $l+jets$

- ATLAS
- ▲ Pythia 8.244 default
- ◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dN^{l+jets} dN^{t\bar{t}}} \frac{dN^{t\bar{t}}}{d\sqrt{s}}$ [pb/GeV] 10^{-4} 10^{-5}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

2

2

0.5

1000

2000

3000

 $m^{t\bar{t}}$ [GeV], $N^{l+jets} = 0$ 